

ANNAMALAI UNIVERSITY

(Accredited with 'A+' Grade by NAAC)

CENTRE FOR DISTANCE AND ONLINE EDUCATION

Annamalainagar – 608 002

Semester Pattern: 2025-26

Instructions to submit First Semester Assignments

1. Following the introduction of semester pattern, it becomes **mandatory for candidates to submit assignment for each course.**
2. Assignment topics for each course will be displayed in the A.U, CDOE website (**www.audde.in**).
3. Each assignment contains 5 questions and the candidate should answer all the 5 questions. Candidates should submit assignments for each course separately. (5 Questions x 5 Marks =25 marks).
4. Answer for each assignment question should not exceed 4 pages. Use only A4 sheets and write on one side only. **Write your Enrollment number on the top right corner** of all the pages.
5. Add a template / content page and provide details regarding your Name, Enrollment number, Programme name, Code and Assignment topic. Assignments without template / content page will not be accepted.
6. Assignments should be handwritten only. Typed or printed or photocopied assignments will not be accepted.
7. **Send all First semester assignments in one envelope.** Send your assignments by Registered Post to The Director, Centre for Distance and Online Education, Annamalai University, Annamalai Nagar – 608002.
8. Write in bold letters, “ASSIGNMENTS – FIRST SEMESTER” along with PROGRAMME NAME on the top of the envelope.
9. Assignments received after the **last date with late fee** will not be evaluated.

Date to Remember

Last date to submit First semester assignments : 01.11.2025

Last date with late fee of Rs.300 (three hundred only) : 15.11.2025

Director
CDOE

Assignment Questions

M.Sc., Zoology, I year, I – semester

Assignment No.1: Invertebrates and Vertebrates (021E1110)

1. Write an essay on excretion and osmoregulation.
2. Discuss about the trends in neural evolution.
3. Explain the general structure and function of akin and its derivation.
4. Describe the comparative account of respiratory organs.
5. Write an essay on peripheral and autonomous nervous system.

Assignment No.2: Developmental Biology (021E1120)

1. Write an essay on gametogenesis.
2. Write a brief account on parthenogenesis.
3. Explain the types and physiology of placenta.
4. Discuss the hormonal regulation of metamorphosis in amphibia and insect.
5. Write a detailed account on gastrulation process and its importance.

Assignment No.3: Cell and Molecular Biology (021E1130)

1. Explain the structural organization of prokaryotic and eukaryotic cell.
2. Explain the ultrastructure and functions of mitochondria.
3. Describe the role of ribosome in protein synthesis.
4. Define lysosome, Discuss the enzyme polymorphism and its functions.
5. Describe on ultra-structure and functions of plasma membrane with diagrams.